



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DiJaili et al.

) Art Unit
) 2872

OPTICAL LATCH BASED ON LASING SEMICONDUCTOR OPTICAL AMPLIFIERS

022913

Examiner: Fayez G. Assaf

**Mail Stop: AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

Applicant submits this paper in response to the Office Action mailed December 13, 2005 (the "Office Action"). Reconsideration is respectfully requested in view of the following amendments and remarks:

Remarks begin on page 8 of this paper.